

WHAT IS CLAIMED IS:

1. Ashtray assembly for automobiles including a holder and a removable ashtray in the holder, whereby a lifting mechanism is provided for moving the ashtray from a usage position into an easy-grip position for removal, which lifting mechanism includes an adjustable actuator element at the holder, and a transmission element, which works together with the actuator element,

wherein the transmission element is in an operating connection with a hinged pivotal lever at the holder so that when shifting the actuator element, the pivotal lever makes an arc shaped motion, during the course of which a rounded upper end area of the pivotal lever comes in contact with a bottom side of the ashtray and thereby moves the ashtray up towards the easy-grip position for removal.

2. Ashtray assembly according to Claim 1, wherein the pivotal lever is hinged at its lower end area with the holder.

3. Ashtray assembly according to Claim 1, wherein the pivotal lever is hinged with the transmission element at a distance from a holder-side mount for the transmission element.

4. Ashtray assembly according to Claim 1, wherein the transmission element is formed as one of a lever, a linkage, and a slider.
5. Ashtray assembly according to Claim 4, wherein the transmission element is a lever.
6. Ashtray assembly according to Claim 4, wherein the transmission element is a linkage.
7. Ashtray assembly according to Claim 4, wherein the transmission element is a slider.
8. Ashtray according to Claim 1, wherein the upper end area of the pivotal lever is realized in a cam shape.
9. Ashtray assembly according to Claim 1, wherein, when lifted, the upper end area of the pivotal lever acts together with a bottom side of a laterally placed edge-side flange of the holder.
10. Ashtray according to Claim 1, wherein the pivotal lever exhibits a protruding pin locally, which acts together with a arc-shaped slot opening realized at the holder.

11. Receptacle assembly for vehicles, comprising:

a holder,

a removable receptacle carried by the holder, and

a lifting mechanism operable to lift the receptacle from a first position to a second easy to grip position accommodating manual gripping and removal of the receptacle from the receptacle,

wherein said lifting mechanism includes:

a pivotal lifting lever provided with a curved cam surface at an end thereof spaced from a pivot connection of the lifting lever,

a manually operable member carried by the holder and movable between a receptacle in use position and a receptacle lifted position, and

a transmission link connected between the manually operable member and the lifting lever and operable to forceably pivot the lifting lever in response to movement of the manually operable member with the curved cam surface engaging and lifting the receptacle when the manually operable member is moved to the receptacle lifted position.

12. Assembly according to Claim 11, wherein the receptacle is an ashtray.

13. Assembly according to Claim 11, wherein the pivot connection of the lifting lever is at the holder.

14. Assembly according to claim 11, wherein the transmission link is connected to the lifting lever intermediate the curved cam surface and the pivot connection.
15. Assembly according to Claim 14, wherein the transmission link is guided in a slot at the lifting lever.
16. Assembly according to Claim 15, comprising:
 - an arc shaped slot as said holder, and
 - a guide pin engaged in the slot and connected to the lifting lever.
17. Assembly according to Claim 16, wherein the receptacle is an ashtray.
18. Assembly according to Claim 17, wherein the manually operable member is disposed at one lateral side of the ashtray for sliding movement in a lateral direction.
19. A receptacle assembly for vehicles, comprising:
 - a holder,
 - a removable receptacle carried by the holder, and

a lifting means for lifting the receptacle from a first position to a second easy to grip position for accommodating manual gripping and removal of the receptacle from the receptacle.

20. A receptacle assembly according to Claim 18, wherein the receptacle is an ashtray.